# R-squared estimates for Flowering success Models

|  | **Distance to City Center** | | | | | | **Urbanization Score** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Alternative Models** | | **Best Models** | | | | **Alternative Models** | |
|  | **All Populations** | | **Urban Populations** | | | | **All Populations** | | **Urban Populations** | | | |
|  | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | | **Model 5** | | **Model 6** | |
| **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| theoretical | 0.224 | 0.378 | 0.201 | 0.384 | 0.201 | 0.387 | 0.224 | 0.378 | 0.201 | 0.384 | 0.203 | 0.388 |
| delta | 0.100 | 0.168 | 0.095 | 0.181 | 0.095 | 0.183 | 0.100 | 0.169 | 0.095 | 0.182 | 0.096 | 0.184 |

# R-squared estimates for Flowers per inflorescence Models

|  | **Distance to City Center** | | | | | | **Urbanization Score** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Alternative Models** | | **Best Models** | | | | **Alternative Models** | |
|  | **All Populations** | | **Urban Populations** | | | | **All Populations** | | **Urban Populations** | | | |
|  | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | | **Model 5** | | **Model 6** | |
| **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| delta | 0.116 | 0.163 | 0.134 | 0.166 | 0.134 | 0.174 | 0.125 | 0.167 | 0.152 | 0.161 | 0.140 | 0.171 |
| lognormal | 0.134 | 0.188 | 0.153 | 0.189 | 0.152 | 0.198 | 0.144 | 0.192 | 0.173 | 0.184 | 0.159 | 0.194 |
| trigamma | 0.098 | 0.137 | 0.114 | 0.142 | 0.115 | 0.149 | 0.105 | 0.140 | 0.129 | 0.137 | 0.120 | 0.146 |

# R-squared estimates for Flower size Models

|  | **Distance to City Center** | | | | | | **Urbanization Score** | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Best Models** | | | | **Alternative Models** | | **Best Models** | | | | **Alternative Models** | |
|  | **All Populations** | | **Urban Populations** | | | | **All Populations** | | **Urban Populations** | | | |
|  | **Model 1** | | **Model 2** | | **Model 3** | | **Model 4** | | **Model 5** | | **Model 6** | |
| **Type** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** | **R2m** | **R2c** |
| 1 | 0.021 | 0.285 | 0.04 | 0.313 | 0.049 | 0.322 | 0.02 | 0.284 | 0.024 | 0.307 | 0.039 | 0.312 |